1855 - Orson Hyde organized the town of Genoa. At the close of the year there was a population of about 200 at Genoa and about 200 at Gold Canyon. 175

Jules Remy and Robert Brenchley (1860, 45) collected the following Washo vocabulary from "Three ragged Indians" they met after two days of travel eastward from Genoa (13 1/2 hours actual travel time) along the Carson River. 175 192

| | |
|---|---|
| "Soko, horse | Chuiep, nose |
| Pacha, book | Tatu, hand |
| Taui, knife | Och, hat |
| Paloat, gun | Opele, water |
| Etmokapu, percussion cap | Uikes, trousers |
| Taiuch, hair | Melio, belt |
| Tiak, teeth | Atago, no |
| Uike, eyes | Ape, yes" |
| Anga, mouth | |

1856 - "Snowshoe" Thompson began to carry the mail from Genoa to Sacramento (Nevada 1940, 37). 175

Garlund Hurt in a letter to Brigham Young said "There is another small tribe called the Was-saws, who live mostly on the Sierra Nevada mountains, but claim the Carson as their land, and have made several attempts to collect rent off the settlers, but being not very numerous, have found a mild course the better policy" (Hurt 1856). [648]

1857 - Samuel Brannan led a Mormon party that sailed around the horn to San Francisco, assembled at Placerville, went over the Sierras past Woodfords, and on to Salt Lake City.

Capt. Jim of the Washo organized a gift enterprise in which the Whites were invited and brought one or two sacks of flour ($8 a sack in value), there was Indian entertainment, and then the White guests were each given one buckskin ($1 in value). 648 175 [574] [435]

John McMarlin and James Williams were killed by Washo while on their way to California in charge of separate pack trains from Mormon Station (Thompson and West 1881, 147). Some historians claim that the two men were killed by Whites. Also see Hopkins (1883, 64). [431]

A Washo raid known as the Potato War occurred when Washo harvested, without permission, the three acres of potatoes of William Morehead who lived 2 1/2 miles northwest of Milford, California (Farris and Smith 1882, 385). [721]

faster. After two or three years it may be given to an older person or traded off. If it is cleaned and repaired carefully and hung up in the summer over the lower limb of a tree with the warp vertical, it will last ten years or more.

Lowie (1939, 327) wrote that in preparing a blanket "The men tore the skin from the legs with their hands, then cut the hides into strings. The string was wound around small straight willow sticks. String was twisted into one piece 14 feet long. After drying them a day and a half, they would take them down. Twenty five made one jack-rabbit blanket to cover two people. When first finished, they were 2 1/2 inches thick and so warm that in winter the Indians would undress completely under such a covering. A blanket lasted three years, but the hunt was held every fall, after October. The owner of an extra skin might sell it for a buckskin to a man who lacked a good jack-rabbit blanket."

A few comments on the above passage are warranted. My informants indicated that the skins were purposely not dried so they would remain flexible and easy to work with.[1] Also the exchange rate was about 20 rabbit skins for one untanned deer skin and not one for one. A completed rabbit skin blanket of 20 skins was worth about three untanned deer skins.

Rabbits to be used for blankets were gathered in the late fall or winter when their fur was thick. The skin was taken off and cut into a single strip a little over an inch wide and around 15 feet long. An obsidian knife (tagil) was held in the mouth while the skin was held by the hands. The skin was cut around on the outside, with the hind legs first, in a spiral by cutting and turning the skin.

From three to six skins of one strip apiece were sewn end to end with deer sinew (dideu) to form a long string. Roy James said that each rabbit skin string was tied in a loop from one end to the eye holes. Two of the long strings (or several attached looped strings) were then twisted together with the palm of the hand on the thigh of one man while another man held the two strings tight several feet away. When twisted the strings were about an inch in diameter. The man who twisted the strings also wound up the strings on a stick (g¢liwisha tsuhua). The stick was pointed at one end to facilitate the removal of the twisted strings when the twisting and winding operation was complete.

The long two ply string when it was rolled up and tied with sinew for storage was called a t¢l¢lupa. A single t¢l¢lupa was stored in a damp place until other t¢l¢lupa were prepared and the blanket was ready to be made.

1. Cf., Dangberg n.d.

## Trade

Trade and gift exchange were not clearly separate in Washo society. However, the language does distinguish between sharing (mib¢shigihi) and trading (damalu).[1] In trade there tended to be immediate reciprocation while gift exchange often involved a time lapse. Trade also tended to be competitive and to increase with less intensive social ties. Trade involved explicit negotiation and social status was secondary as a factor in the transaction. Trade involved an impersonal relation which focused on the economic goods rather than upon the social relations of persons involved.

Washo trade was an estimated one or two percent of the total distribution. Four types of trade are recognized: (1) silent, without face-to-face interaction; (2) personal, where personal ties are relatively important; (3) administered, based on governmental rules; and (4) market, which is relatively free from personal and governmental ties. Washo trade in this framework was "personal".

Hank Pete maintained that women would often trade under circumstances in which men would ordinarily give gifts. Trade proceeded with little haggling. The transaction was initiated by either a buyer or a seller. It took the form of propositions, questions, and answers such as "I'll trade you this for that. This one? No, that one! I need more for that one. Then I'll include this, too. We can trade then." Trade with non-Washo was conducted through gestures and a few key words understood by both parties, such as damalu for "trade".

The Washo lacked rigid standards of reference, that is, the valuation of two materials to be traded in terms of a third material. Goods were traded without reference to their value in other goods and without a traditional exchange rate. For this reason it was difficult to collect data on equivalencies of value or rates of exchange.

From descriptions of actual transactions, and by insisting on some relative values of objects, the following scale was established by this writer. Hank Pete said that rabbit nets were never traded. They were too valuable. Many things, because of tradition or personal desires, were not traded. Such things might be a shaman's paraphernalia, a bow that had killed a number of deer, or food and clothing needed for survival. Freed and Freed (n.d., 10) state that the loss or destruction of a shaman's curing implements was a cause of illness to the shaman.

Certain things were near the top of the value scale. A double rabbit skin blanket, a large coiled water tight cooking basket (giuleu), a whole buck deer, and three tanned deer skins were roughly equal in value. Hank Pete said he had never heard of anyone who had three tanned deer skins, and a

1. A loan word from Miwok, according to William H. Jacobsen, Jr. (personal communication).

person never traded a whole deer. This indicates that the hide was about one-third the value of the deer.

Pinenuts were often carried and stored in certain kinds of buckskin bags and willow baskets. A tugabul full of pinenuts in the shell was something of a standard of measurement. The tugabul was a coarse scoop-shaped, open twined tray used for winnowing and roasting. It would hold about five gallons of pinenuts leveled to the rim of the basket.

Another basket used for measuring was the bayudate which was a single rod coiled bowl-shaped basket that varied in capacity from about a pint to two quarts. By converting from tugabul and bayudate to pints, quarts, and gallons it was possible to describe the value of a few objects in terms of volume of pinenuts. The following relationships were estimated by Hank Pete for a period in the middle of winter when food surplus was somewhat low: (1) a magpie tail feather = 1 pint; (2) an obsidian knife = 1 quart; (3) a pair of moccasins, an eagle tail feather, or a tugabul basket = 2 quarts; (4) a sinew backed bow and three arrows with stone points = 4 gallons; (5) an untanned deer skin = 6 gallons; and (6) a tanned deer skin = 7 gallons.

It is assumed that in late winter, when pinenuts were more scarce, this ideal scale of values would shift so that fewer pinenuts were worth more manufactured goods. Considerably more research needs to be done in this regard. The influence of extreme scarcity on the character of economic distributions is a problem that cannot be dealt with here.

The Washo had little trade with non-Washo peoples. Several influences appear to have contributed to this fact. The languages of the surrounding peoples were unintelligible. The Washo lived in a mountainous country where transportation by foot was difficult and occasionally impossible in the winter. They also ranged a large, productive, and diversified environment that supplied almost every kind of good used except ocean shells. A trek from Carson Valley over the Sierra Nevada for acorns (malung) might take them into every kind of vegetation zone and natural habitat in the Sierras. Salt (ungabi)[1] was available in Antelope Valley, obsidian (patsaga) from Mono Lake country, and red ochre (sawasang) from an area south of the present town of Dayton, Nevada. Foods such as pinenuts (tegum), fish (atabi), rabbits (p¢lleu), and deer (m¢mdewi) were plentiful within Washo territory.

1. This word (ungabi) came from the Shoshonean stock of languages so that phonetic variations of it were used by the Northern and Southern Paiute, the Ute, and Shoshoni (Steward 1938, 275-283).

## CHAPTER IV

## THE WASHO CASE IN ECONOMIC THEORY

The Washo had no money, marketplaces, trade for profit, accumulation of capital, or inheritance as these relations are defined in standard economic parlance. Little trade was present, either among Washo or between Washo and non-Washo peoples. Goods and services did not move through profit-incentive, or for capital reserves and the accumulation of prestige goods. Goods did move, however, through the incentives of subsistence, fulfillment of ritual obligations, and the maintenance of social approval.

The following sections address certain theoretical problems in economic anthropology: non-market mechanisms of exchange, political power and the economy, barriers to economic development, prestige economy and money, and overproduction.

### Non-market Mechanisms of Exchange

A market is a price setting mechanism in the form of a sociocultural institution of economic exchange. A market inovives exchange at bargained rates according to supply and demand. Generally Washo society would be described as having a "non-market" economy because it did not have marketplaces (a physical place where people customarily come to exchange), prices were not "set", and the value of goods or a service was not usually determined by what other goods or services they could be exchanged for.

Only in the distribution forms we have described as involving secondary social relations (gambling, trade, and payment for services) do we find anything analogous to market institutions. In Washo society the exchange or market value was usually overshadowed by personal, social, religious, or biological survival values. It is essential to include these non-market values in any equation that attempts to describe the regularities of Washo economics.

Few demands were set by the culture for economic goods. When these demands were filled individuals ceased working. There was no significant accumulation of property beyond immediate needs. Hoarding was impossible due to the requirement of sharing with relatives and friends. There was a constant social lien on the production of individuals and little social advantage to be gained by accumulating goods. The most renowned Washo among his own people in historic times, Gumalanga, behaved and dressed as the poorest among them. Gumalanga expressed the egalitarian orientation of Washo social values.

The eight forms of economic distribution discussed in Chapter III were the major mechanisms of distribution in Washo society. To varying degrees

14:Stewart E-5 (1936-1938)1944 NR13 Northern Paiute NR13
Washo NT20



Ben's first meetings at Fallon Reservation, one Shoshone, one Paiute, and one mixed Shoshone-Paiute family were converted, becoming steadfast members.

Returning from Texas late in April, 1937, Ben was asked by the Mono Lake (California) Paiute to hold a meeting. A Mono Lake Indian had been present at the early Schurz meetings, and had advertised the peyote cures as miracles. Young Charlie (P,7), eighty-five years of age, who was being kept alive by small doses of digitalis,[*] sponsored the meeting and felt so improved that he discontinued his usual medicine. A month or so later he died. Cures of less serious ills, however, impressed several families and other meetings were held. By August, Betsy Sam (P,7) was convinced that peyote could cure her fifteen-year-old son of tuberculosis of the spine, although a year in Phoenix, Arizona, and four months in the Agency Sanitarium at Stewart, Nevada, had not helped him. Jimmie Sam, unable to walk when his mother took him from the hospital against the doctor's advice, seems to have improved steadily under peyote. He was putting on weight and walking within a month; and when I saw him in November, 1938, he was driving a truck to get wood. Jimmie's improvement, admitted astonishing by field nurses and doctors, together with Ben Lancaster's ingenious explanations for his failures, have brought continuous contributions from eight Mono County pensioners and four employees of the State Highway Department and Los Angeles waterworks.

During the summer of 1937, meetings were held in three new towns; first at Bridgeport, California. John Lundy, aged sixty-seven, a Miwok Indian who has lived thirty-five years with the Northern Paiute, was cured of a cold. Discouraged from further participation by the County Pension Administration's threat to stop payments to peyote users, he nevertheless sent his son to meetings to be cured of paralysis in one arm and both legs. Woodfords, California, was the next new town, with a ritual for Maggie James (W,9). Shamans and white doctors had not cured her of a large goiter, but after a single peyote ceremony and a $10 contribution she was greatly helped. Faithful attendance and contributions of about $2.00 a week kept her out of bed. Visalia Cornbread (W,10) called a meeting at Carson City for his son.

At the end of a successful year, during which peyote meetings had been started in three Washo and seven Paiute Indian communities, the "peyote chief" again made the trip to the peyote fields. From December, 1937, to April, 1938, Ben Lancaster lived in Oiltown, Texas, with his white wife, where he cut and dried peyote. When Carnegie Smokey (W,2) arrived there penniless but eager to assist in the sacred task of preparing peyote, he sensed Ben's discomfiture. Ben's care to keep him from other peyotists, his refusal to assist another convert who had followed him, and the presence of his white wife made Carnegie question his sincerity.

While awaiting Ben's return, Mary D. Creek stayed with Sam Dick, his wife, and his mother; and Mary and Sam held meetings. Money from collections and from sales of peyote for home use[**] was sent to Ben. Sam, the first Washo convert, had been prepared by careful tutoring to conduct the meetings in Ben's absence.

Sam and Mary answered calls in the communities Ben had opened and initiated the Pyramid Lake Reservation with a meeting at Nixon, December, 1937. Harry Sam (P,11), previously cured by peyote, took his niece from the Stewart Sanitarium, where she suffered from arthritic swellings in her knees, and called a meeting to help her. So successful was Sam Dick that the Nixon group of a dozen or so converts call him even when Ben is available.

Happenings during Sam's leadership had important repercussions, shedding

[*] According to Dr. Bambauer, Indian Service doctor at Bishop.

[**] Ben's regular price was ten cents a button.

14:Stewart E-5 (1936-1938)1944 NR13 Northern Paiute NR13
Washo NT20



his car was fruitlessly searched three times by the California border patrol. At least a dozen persons claim definite knowledge that Ben added marihuana to the cigarettes he gave in meetings. Lane Dixon (P,1), a graduate of the Nevada Reform School, who has served several short jail sentences and locally is known to be a congenital liar, was informer for the Federal officers. He assured me, also, that marihuana was used because he had smoked marihuana cigarettes and felt the same sensations others described experiencing from eating peyote.[a] The basis for this accusation is Ben's practice of mixing a "white powder" in prayer cigarettes and burning those cigarettes after meeting ("to destroy the evidence"). Ben put some in my prayer cigarette and afterward gave me a sample from his large supply. It was a type of sage leaf chopped fine.

Federal authorities also suspect that Spanish fly (cantharides) has at times been given to girls in peyote meetings. Since I could obtain no real evidence of any display of sexual excitement during or following meetings, and since Lane Dixon is the principal source for the story, I doubt the charge.

The desire for prestige, or the fear of losing it, motivates Washo and Paiute reactions toward peyotism. Members seemed to enjoy vicariously some of the honor and position of their leader. Ben talked with Commissioner Collier (November, 1937), he spoke before the Minden Rotary Club (October, 1937), he prepared an attractive peyote exhibit for the Carson Valley Day Fair.[b] On the other hand, Hank Pete, self-styled chief of the Washo, naturally protests against submission to the rules of the peyote ceremony and to the authority of Ben Lancaster, feeling it detracts from his own prestige. Another nonmember argues, "The President of the United States and the white people in this valley don't use peyote." Shamans probably fear the loss of both money and honor, and, therefore, in the main oppose peyote, notable exceptions being Joe Green, Tom Mitchell, and Sam Dick.

Arguments for and against peyotism have been based on economic grounds. Ben's insistence that contributions are free-will offerings seems to have attracted a few who consider a peyote meeting cheaper than, yet equal to, a shamanistic treatment for which a price, from $2.50 to $5.00 a night, is fixed and paid in advance. The willingness of peyotists to donate liberally probably results from their having been conditioned to paying their shamans well, a practice which still continues, especially among the Washo. Having given up liquor, several reiterate that in spite of traveling expenses and contributions they have more money than formerly for food, clothing, shelter. Don James epigrammatized: "A dime now goes as far as a dollar used to." Several peyotists have recently purchased automobiles. A few may imagine economic gain by picturing themselves replacing Ben Lancaster. However, in his meetings, Sam Dick, the most likely successor, hardly collects expenses. Perhaps some of the Indians wish to associate with the influential Jameses and Arnots, who might provide them with jobs.

Economic objections to peyote, such as that Ben gets too much money, that the Indians should use their money for better purposes, and so on, are mainly rationalizations because the Washo-Paiute are typically unconcerned about their fellow man's economic condition, even when, as often happens, their poorer kinfolk move in

[a] From Bromberg's (1939, 4-12) review of the reactions caused by marihuana, which are increased motor activity, mental confusion, talkativeness, increased desire for alcohol, and sexual excitement, it is clear that marihuana and peyote produce opposite effects. Also, see Lundquist, 1939, 2, for the Sehurs missionary report of the use of marihuana with peyote by Nevada Indians at a "National Fellowship of Indian Workers." Rev. G. E. E. Lundquist, who visited Schurs in 1938, hoped Lane Dixon confirm the story.

[b] Sam Dick spoke and had peyotists sing at the Fair in 1939 (personal communication from Miss Grace Bengtsen of Minden).